

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 04162081  
PUBLICATION DATE : 05-06-92

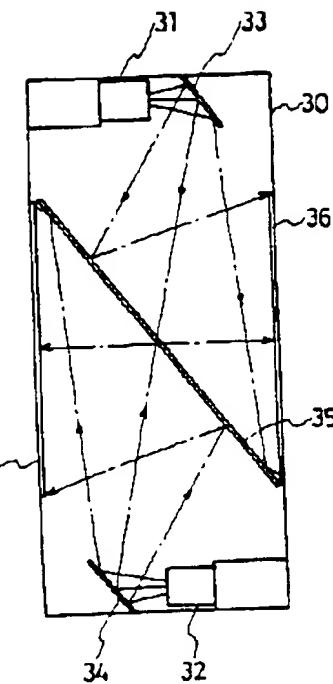
APPLICATION DATE : 26-10-90  
APPLICATION NUMBER : 02287169

APPLICANT : TOSHIBA CORP;

INVENTOR : MASAKI TOSHIYUKI;

INT.CL. : G09F 9/00 G03B 21/00 // G03B 33/12  
H04N 5/74

TITLE : PROJECTION DISPLAY DEVICE



ABSTRACT : PURPOSE: To attain thinness and lightness by reflecting projected images, emitted from two sets of projection optical systems, respectively by the surface and back face of one mirror, and projecting these reflected images respectively on two sets of screens.

CONSTITUTION: An image projected from a first projection optical system 31 is reflected by a mirror 33, further reflected by the surface of a mirror 35 and projected on a screen 36. An image projected from a second optical system 32 is reflected by a mirror 34, further reflected by the back face of the mirror 35 and projected on a screen 37. That is, the images can be projected on both screens 36, 37 provided on both sides of a casing 30. Further thinness and lightness can be attained by providing the optical systems 31, 32 with liquid crystal projection displays.

COPYRIGHT: (C)1992,JPO&Japio